



Dart Hawkesbury
11270 Aberdeen St, Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

Plex 9/5/2018 2:25 PM *dart.Tollis.Andrew*



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040848

Supplier:	MCM001-VU McMaster-Carr Supply Co, P.O. Box 7690 Chicago, IL 60680-7690 USA Phone: 330 995 5500 Fax: 330 995 9600	PO No:	PO040848
		PO Date:	8/27/18
		Due Date:	8/29/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	2% 10 Net 30
		Freight Terms:	
		Special Comments:	

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	182436	59915K274		Rod End Bearing D4777-1	Firmed	-	8/29/18	20 pcs	0 pcs	20 pcs	\$17.14/pcs	\$342.80
2		6546K56	3 ft long	Rectangular Tube, 1/8" wall, 1-1/4" High x 1-1/4" wide	Firmed	-	8/29/18	20 Ea	0 Ea	20 Ea	\$26.16/Ea	\$523.20
Line Item Note to use on part RBE350A93-3302-02-5												
3	182496	6718K52		Fitting, Quick Disconnect D4182-1	Firmed	-	8/29/18	10 pcs	0 pcs	10 pcs	\$5.64/pcs	\$56.40
4		93635A446	5/pk	Hex Head Cap Screw receive ea	Firmed	-	8/29/18	40 pcs	0 pcs	40 pcs	\$1.682/Ea	\$16.82
5	182497	D2484P	91343A100 10/pk	Lock Nut : Various STC's	Firmed	-	8/29/18	24 ft	24 ft	24 ft	\$0.363/pcs	\$14.52
6		M6061T6TR1.5X1.0W125	6546K999	6061-T6 Rect Tube 1.5 X 1.0 X .125W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 RECTANGULAR TUBING PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Firmed	-	8/29/18	50 Ea	0 Ea	50 Ea	\$17.24/Ea	\$862.00
7	182522	63215K34		Bearing	Firmed	-	8/29/18	50 Ea	0 Ea	50 Ea		
												Grand Total: \$1,955.74

Order Notes

PURCHASE ORDER

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/27/18 1:40 PM dart.lavoie.chantal



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040848
Order Placed By
Chantal Lavoie

Page 1 of 1
09/04/2018

Packing List

Line	Product	Ordered	Shipped
6	6546K999 Extruded 6061-T6 Aluminum Rectangle Tubing, , 1" X 1.5" X .125" Wall, 6' Length with Mtr, ** AMS-Qq-A-225/8 or AMS 4117/4128/4115/4116 **, ** or Per AMS-Qq-A200/8 or AMS 4160 **	24 Feet	24

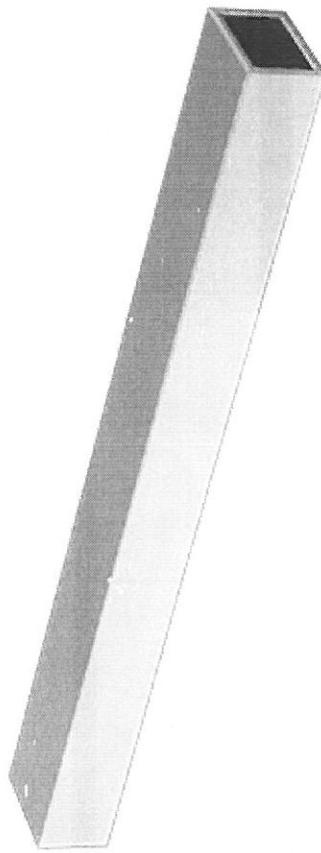
Shipped separately from our Cleveland warehouse on 08/27

1	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	20 Each	20
2	6546K56 6061 Aluminum Rectangular Tube, 1/8" Wall Thickness, 1-1/4" High x 1-1/4" Wide, 3 Feet Long	20 Each	18
3	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	10 Each	10
4	93635A446 316 Stainless Steel Hex Head Screw, Super-Corrosion-Resistant, M10 x 1.5 mm Thread, 50 mm Long	2 Packs	2
5	91343A100 316 Stainless Steel Serrated Flange Locknut, Super-Corrosion-Resistant, 1/4"-20 Thread Size	4 Packs	4
7	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	50 Each	50

Shipped separately from our Chicago warehouse on 08/27

2	6546K56 6061 Aluminum Rectangular Tube, 1/8" Wall Thickness, 1-1/4" High x 1-1/4" Wide, 3 Feet Long	20 Each	2
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6061 Aluminum Rectangular Tube
1/8" Wall Thickness, 1" High x 1-1/2" Wide



\$44.48 Each
6546K38

Material	6061 Aluminum
Cross Section Shape	Rectangle
Corner Shape	Square
Inside	Round
Outside	
Construction	Hollow
Appearance	Plain
Wall Thickness	1/8"
Wall Thickness Tolerance	-0.015" to 0.015"
Tolerance Rating	Standard
Outside	
Height	1"
Height Tolerance	-0.085" to 0.085"
Width	1 1/2"
Width Tolerance	-0.085" to 0.085"
Inside	
Height	3/4"
Width	1 1/4"
Yield Strength	35,000 psi
Fabrication	Heat Treated
Temper	T6
Hardness	Brinell 80
Hardness Rating	Soft
Heat Treatable	Yes
Temperature Range	-320° to 300° F
Specifications Met	ASTM B221
Straightness Tolerance	Not Rated
Magnetic Properties	Nonmagnetic

Density	0.1 lbs./cu. in.
Surface Resistivity	25 Ohm-Cir Mil/ft
Melting Point Temperature	1080° F
Modulus of Elasticity	$10.0 \text{ ksi} \times 10^3$
Thermal Conductivity	1,390 Btu/hr. x in./sq. ft./°F @ 75° F
Elongation	12.5%
Material Composition	
Aluminum	95.1-98.2%
Chromium	0.4-0.8%
Copper	0.05-0.4%
Iron	0-0.7%
Magnesium	0.8-1.2%
Manganese	0-0.15%
Nickel	0-0.05%
Silicon	0.4-0.8%
Titanium	0-0.15%
Zinc	0-0.25%
Zirconium	0-0.25%
Other	0.15%
Length Tolerance	-1/4" to 1/4"
Length	6 ft.
RoHS	Compliant

Often fabricated into vehicle parts, pipe fittings, and containers, 6061 is stronger and offers better corrosion resistance than MIC6 and 2011. It's also nonmagnetic, heat treatable, and resists stress cracking.



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. A
CP	#	M6061T6TR	SHEET 1 OF 1
DATE	TITLE	SCALE	
02.12.04	6061-T6 RECTANGULAR TUBING	NTS	
A	02.12.04	NEW ISSUE	

RELEASED
02.12.04 CP

PURCHASE MATERIAL: 6061-T6 (OR 6061-T6S1/T6S10/T6S11/T62) RECTANGULAR TUBING
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)

PART NUMBER:

M6061T6TR | H.H | X | B.B | W TTT |
| HEIGHT | | | WIDTH | | WALL |

WHERE H.H = HEIGHT IN INCHES
B.B = WIDTH IN INCHES
TTT = WALL THICKNESS IN MIL

EG. 4" x 2" x 0.125" WALL = M6061T6TR 4.0 x 2.0 W125

KSTM 322
Acceptable 9/18/04/S

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60176TR15x1.0W125
 DATE: 18/09/05

PO / BATCH NO.: P0040848/5108232

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 244
 QUANTITY INSPECTED: 244
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	Y <u>(N)</u>	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	Y <u>(N)</u>	DAS
CORRECT MATERIAL PER M-DRAWING	Y <u>(N)</u>	ASTM B221 Acceptable 12 18/9/5 9-89
CORRECT THICKNESS	Y <u>(N)</u>	P0040848
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	Y <u>(N)</u>	
CORRECT MATERIAL IDENTIFICATION	Y <u>(N)</u>	
CORRECT M# ON THE MATERIAL	Y <u>(N)</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: <u>12</u> <u>9-89</u>
DATE: <u>18/09/05</u>	DATE: <u>18/9/5</u>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in